

Solutions

Each answer shows the steps, then the **result**.

2.1

- a drug is any substance taken into the body that **changes the body's chemical reactions**

2.2

- a cold is caused by a **virus**, and antibiotics **do not affect viruses**

3.1 B

- antibiotics work on **bacteria only**
- A and C include viruses; D is not the syllabus group

3.2

(a)

- a few bacteria are **resistant by chance**
- the antibiotic kills the non-resistant ones, so the resistant ones **survive**
- they **multiply** until the population is resistant

(b)

- use antibiotics **only when really needed**
- always **finish the full course**